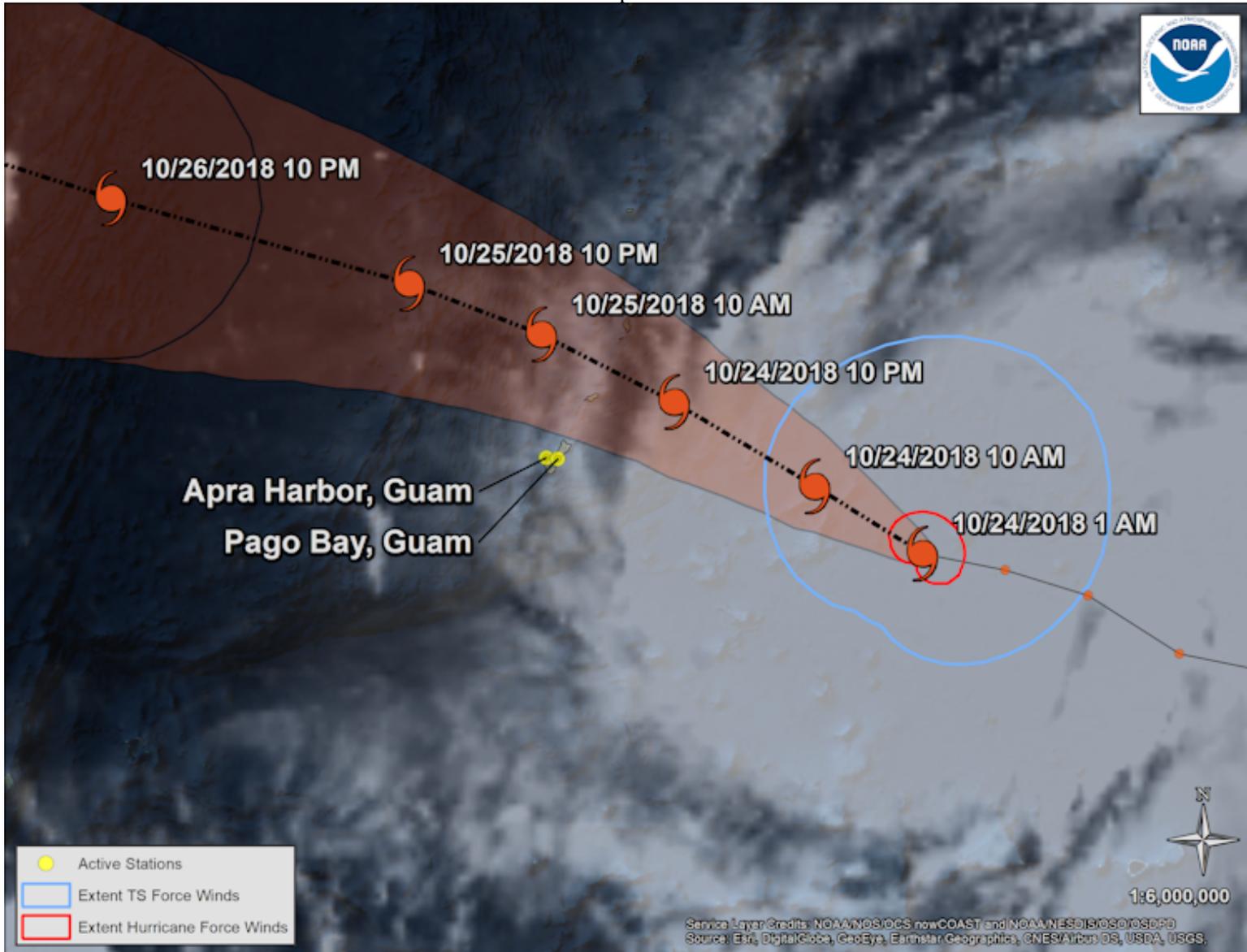




Typhoon Yutu QuickLook  
Posted: 02:00 ChST 10/24/2018

### NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

As of 10/24/2018 02:00 ChST, the water level in Pago Bay is rising and around 1.0 ft above normal tide levels while winds remain light. Apra Harbor has a water level near normal tide levels but winds have increased to 15 kts with gusts slightly higher. Barometric pressure is gradually falling across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: RCL

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Select National Weather Service Guam Advisory Information:

Typhoon Yutu (31W) Advisory Number 9  
National Weather Service Tiyan GU  
1225 AM ChST Wed Oct 24 2018

...TYPHOON YUTU MOVING WEST AND INTENSIFYING...

CHANGES WITH THIS ADVISORY

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A Tropical Storm Warning is now in effect for Alamagan, Pagan, and Agrihan.

WATCHES AND WARNINGS

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Typhoon warnings remain in effect for Rota, Tinian and Saipan.

A Tropical Storm Warning remains in effect for Guam.

A Tropical Storm Warning is now in effect for Alamagan, Pagan, and Agrihan.

Typhoon conditions are expected Wednesday night through Thursday morning at Tinian and Saipan.

Typhoon conditions are expected for Rota Wednesday afternoon through Thursday.

Tropical storm conditions are expected for Guam late Wednesday afternoon through Thursday.

Tropical storm conditions are expected at Alamagan, Pagan, and Agrihan Wednesday evening through Thursday night.

SUMMARY OF 100 AM CHST...1500 UTC...INFORMATION

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Location...12.3N 149.2E

About 295 miles east-southeast of Rota  
About 305 miles southeast of Saipan  
About 305 miles southeast of Tinian  
About 310 miles east-southeast of Guam  
About 435 miles south-southeast of Alamagan  
About 460 miles south-southeast of Pagan  
About 505 miles south-southeast of Agrihan

Maximum sustained winds...105 mph  
Present movement...west...280 degrees at 12 mph

#### DISCUSSION AND OUTLOOK

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At 100 AM CHST...1500 UTC...the center of Typhoon Yutu will be located near Latitude 12.3 degrees North and Longitude 149.2 degrees East. Yutu is moving west at 12 mph. It is expected to make a slight turn toward the west-northwest with little change in forward speed over the next 24 hours.

Maximum sustained winds have increased to 105 mph. Yutu is forecast to continue to intensify over the next few days.

Typhoon force winds extend outward from the center up to 35 miles. Tropical storm force winds extend outward from the center up to 190 miles, except to the southwest, where tropical storm force winds extend outward up to 65 miles.

#### NEXT ADVISORY

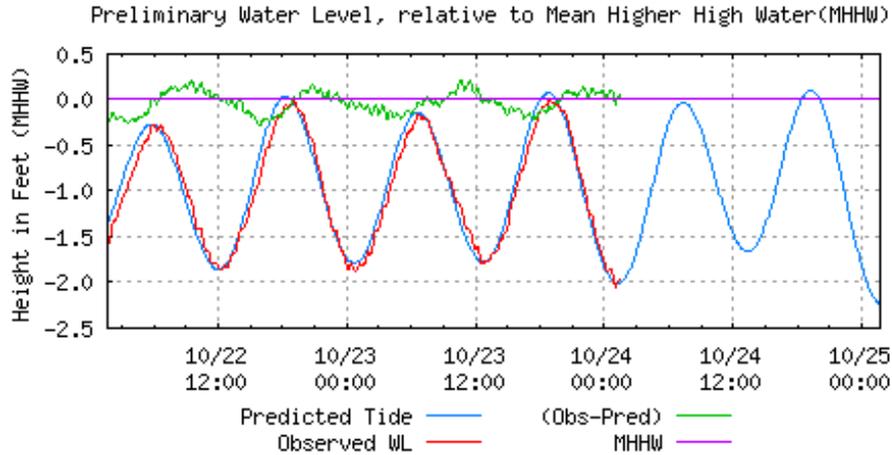
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An intermediate advisory will be issued by the National Weather Service at 500 AM this morning followed by the next scheduled advisory at 800 AM.

Kleeschulte

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#), [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#)

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



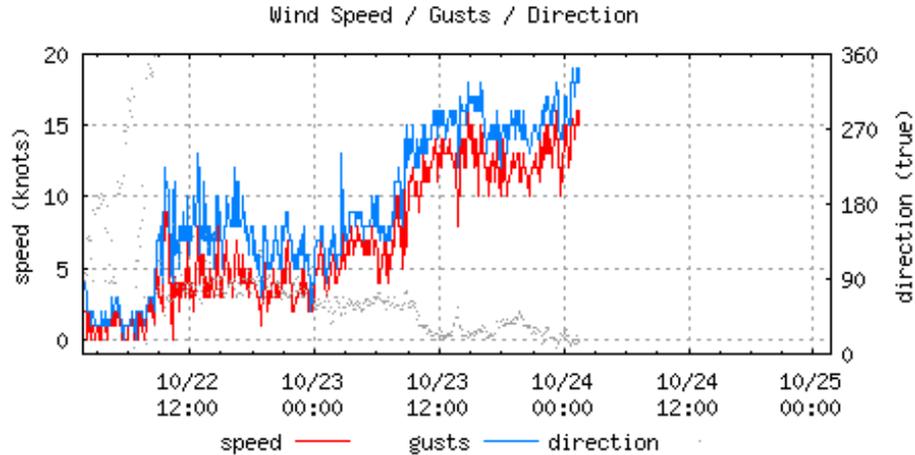
Last Observed Sample: 10/24/2018 01:30 (ChST). Data relative to MHHW

Observed: -1.96 ft. Predicted: -2.01 ft. Residual: 0.05 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 10/24/2018 07:21 (ChST), -0.03 ft.

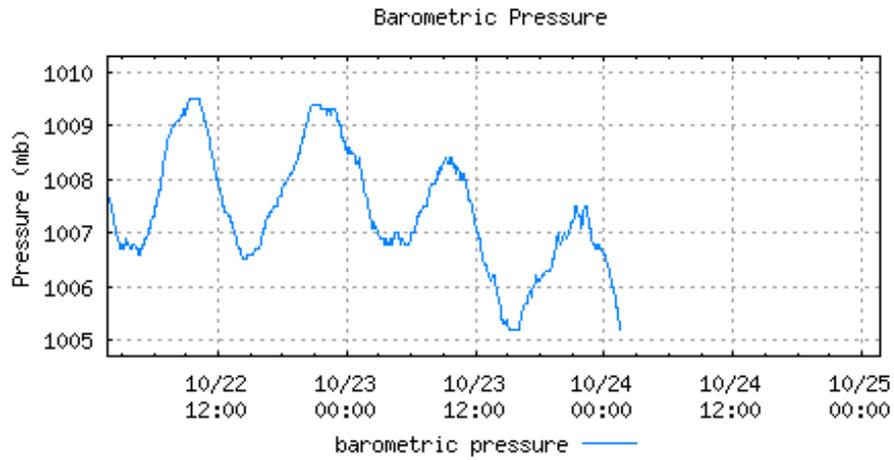
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 10/24/2018 01:30 (ChST)

Wind Speed: 16 knots Gusts: 19 knots Direction: 15° T

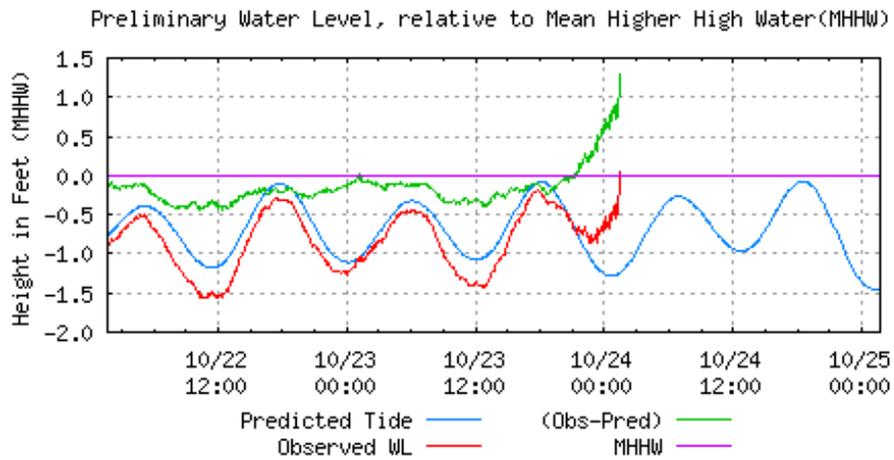
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 10/24/2018 01:30 (ChST)

Barometric Pressure: 1005.2 mb

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



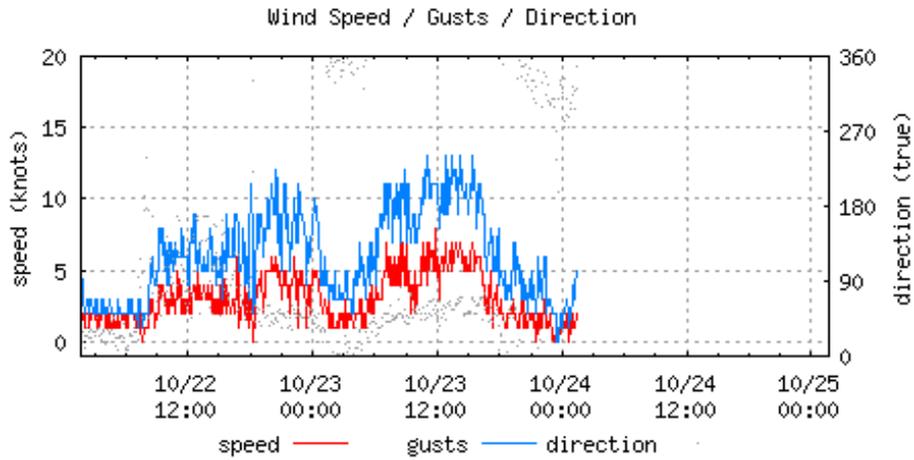
Last Observed Sample: 10/24/2018 01:30 (ChST). Data relative to MHHW

Observed: 0.05 ft. Predicted: -1.24 ft. Residual: 1.29 ft.

Historical Maximum Water Level: Oct 20 2004, 2.40 ft.

Next High Tide: 10/24/2018 06:54 (ChST), -0.27 ft.

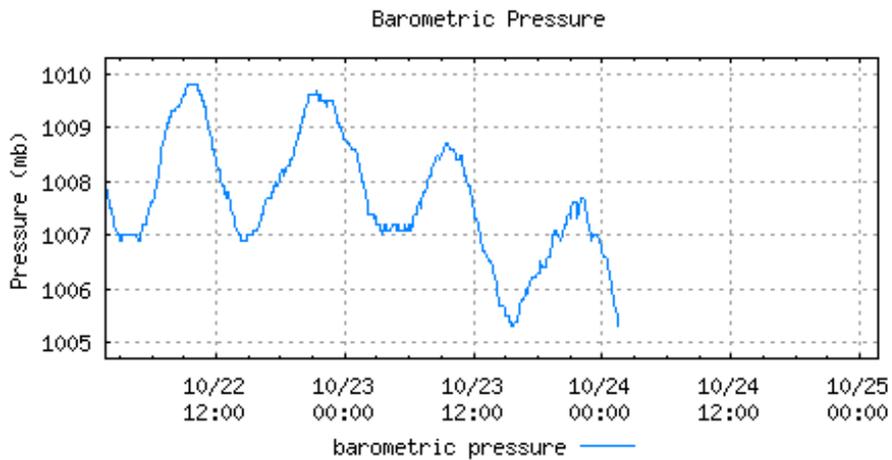
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 10/24/2018 01:30 (ChST)

Wind Speed: 2 knots Gusts: 5 knots Direction: 347° T

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 10/24/2018 01:30 (ChST)

Barometric Pressure: 1005.3 mb

Latest Water Level Observations on MHHW

<b>Station ID</b>	<b>Station Name</b>	<b>Date/Time</b>	<b>Observed Water Level</b>	<b>Predicted Tide</b>	<b>Residual Water Level</b>	<b>24 Hour Maximum Storm Tide</b>
1630000	Apra Harbor, Guam	10/24/2018 01:30 (ChST)	-1.96 ft	-2.01 ft	0.05 ft	0.00 ft
1631428	Pago Bay, Guam	10/24/2018 01:30 (ChST)	0.05 ft	-1.24 ft	1.29 ft	0.05 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce